

Title (en)  
Autofocus system

Title (de)  
Autofokussystem

Title (fr)  
Système autofocus

Publication  
**EP 1533999 B1 20060816 (EN)**

Application  
**EP 04027290 A 20041117**

Priority  
• JP 2003392692 A 20031121  
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Abstract (en)  
[origin: EP1533999A2] Two imaging elements (26A, 26B) for AF, each having a different optical path length, are mounted to a camera main body (10). The automatic focus adjustment is performed based on the video signal of the AF area extracted by the gate circuits (52A, 52B) from the video signal acquired by the imaging elements (26A, 26B). The electronic shutter function of the imaging elements (26A, 26B) is controlled based on the video signal of the AF area extracted by the gate circuits (52A, 52B), so as to enable the exposure adjustment for the AF area to be performed.  
<IMAGE>

IPC 8 full level  
**H04N 5/232** (2006.01); **G02B 7/28** (2006.01); **G02B 7/30** (2006.01); **G02B 7/32** (2006.01); **G02B 7/36** (2006.01); **G02B 7/38** (2006.01)

CPC (source: EP US)  
**G02B 7/282** (2013.01 - EP US); **G02B 7/285** (2013.01 - EP US); **G02B 7/32** (2013.01 - EP US); **G02B 7/34** (2013.01 - EP US); **G02B 7/36** (2013.01 - EP US); **G02B 7/38** (2013.01 - EP US); **H04N 23/635** (2023.01 - EP US); **H04N 23/663** (2023.01 - EP US); **H04N 23/673** (2023.01 - EP US); **H04N 2007/145** (2013.01 - EP US)

Cited by  
EP2388989A1; CN102253568A; EP2746830A1; FR2999729A1; US8135271B2; US9001261B2

Designated contracting state (EPC)  
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